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EC742PI

# Hogs and Pigs



National Agricultural Statistics Service

S  
United States Department of Agriculture

Washington, D.C.

Released March 27, 1992, by the Agricultural Statistics Board. Estimates refer to March 1, 1992 and December 1991–February 1992.

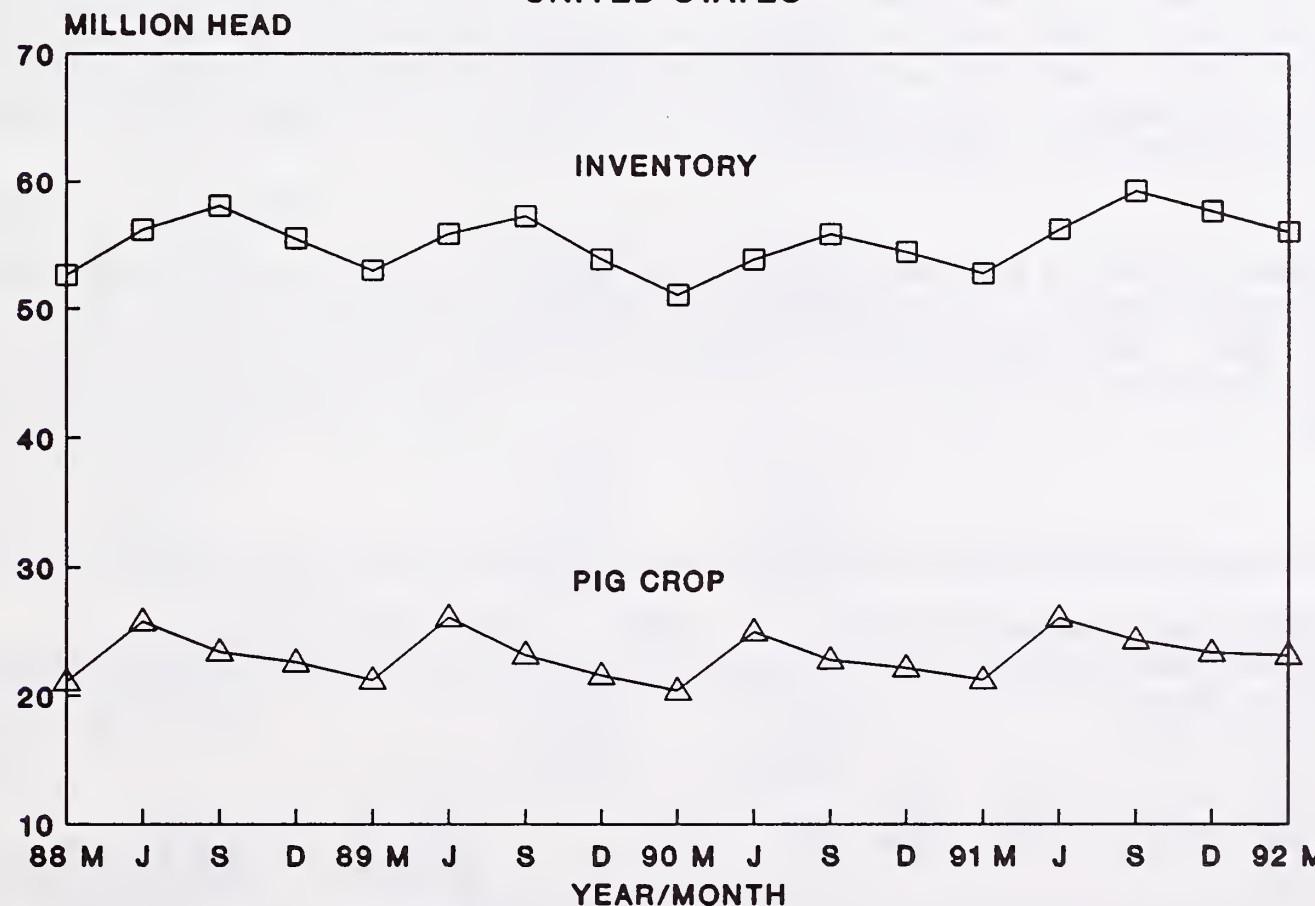
## U.S. Hog Inventory Up 6 Percent

U.S. inventory of all hogs and pigs on March 1, 1992, was 56.1 million head. This was 6 percent above March 1991 and 10 percent above the March 1990 inventory.

Breeding inventory, at 7.17 million head, was up 3 percent from March 1, 1991, and 5 percent above March 1990.

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## MARCH 1 HOGS & PIGS INVENTORY UNITED STATES



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Market hog inventory, at 48.9 million head, was 7 percent above March 1, 1991, and up 10 percent from March 1, 1990.

The December 1991-February 1992 U.S. pig crop was 23.2 million head, 9 percent higher than 1991 and 14 percent above the same period in 1990. Sows farrowing during this period totaled 2.89 million head, up 7 percent from last year and 11 percent above a year earlier. Pigs saved per litter was a record high 8.02 compared to 7.87 during December-February 1991.

U.S. producers intend to have 3.32 million sows farrow during the March-May 1992 quarter, 1 percent higher than actual farrowings during the same period last year and 6 percent above 1990. Farrowing intentions for June-August 1992, at 3.08 million sows, are down slightly from actual 1991 farrowings but up 7 percent from 1990.

#### 16 State Inventory Increases 7 Percent

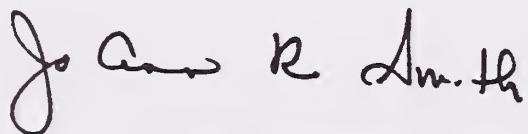
The 16 quarterly States, with an inventory of 51.3 million on March 1, 1992, are up 7 percent from last year and 10 percent above March 1, 1990. These 16 States accounted for approximately 91 percent of the total U.S. hog and pig inventory.

In the 16 quarterly States, the December 1991-February 1992 pig crop was 21.1 million head, up 9 percent from last year and up 15 percent from two years ago. There were 2.62 million sows that farrowed during December-February, up 7 percent from a year earlier and 12 percent more than during the same period two years ago. Sows farrowing during December 1991-February 1992 in the 16 States averaged a 8.05 pigs per litter, a new record high. This compares with 7.89 during the comparable period a year ago.

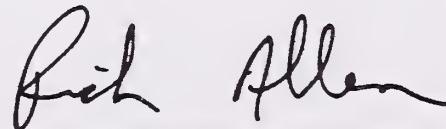
Intentions in the 16 quarterly States for March-May 1992 are 3.03 million head, up 1 percent from the corresponding period last year and 6 percent above 2 years ago. June-August 1992 intended farrowings, at 2.81 million head, are slightly lower than actual farrowings a year earlier, but 8 percent more than in 1990.

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This report was approved on March 27, 1992, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of  
Agriculture  
Jo Ann R. Smith



Agricultural Statistics Board  
Chairperson  
Rich Allen

**Hogs and Pigs: Inventory Number, by Class and Weight Group**  
 March 1, June 1, September 1, December 1,  
 United States, 1990-92

Item	1990	1991	1992	1992 As % of	
				1990	1991
	----- 1,000 Head -----				
March 1 Inventory				-- Percent --	
All Hogs and Pigs	51,150	52,760	56,110	110	106
Kept For Breeding	6,806	6,992	7,170	105	103
Market	44,344	45,768	48,940	110	107
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	16,895	17,663	19,020	113	108
60-119 Pounds	10,602	11,036	11,815	111	107
120-179 Pounds	9,209	9,315	9,775	106	105
180 Pounds and Over	7,638	7,754	8,330	109	107
June 1 Inventory					
All Hogs and Pigs	53,850	56,390			
Kept For Breeding	7,075	7,500			
Market	46,775	48,890			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	19,806	20,750			
60-119 Pounds	11,718	12,375			
120-179 Pounds	8,535	8,821			
180 Pounds and Over	6,716	6,944			
September 1 Inventory					
All Hogs and Pigs	55,940	59,250			
Kept For Breeding	6,815	7,260			
Market	49,125	51,990			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	18,936	20,125			
60-119 Pounds	12,218	12,980			
120-179 Pounds	10,132	10,620			
180 Pounds and Over	7,839	8,265			
December 1 Inventory					
All Hogs and Pigs	54,477	57,684			
Kept For Breeding	6,870	7,254			
Market	47,607	50,430			
Market Hogs and Pigs					
By Weight Groups:					
Under 60 Pounds	17,866	18,678			
60-119 Pounds	12,206	12,969			
120-179 Pounds	9,641	10,382			
180 Pounds and Over	7,894	8,402			

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
United States 1990-92,

Item	1990	1991	1992	1992 As % of	
				1990	1991
	----- 1,000 Head -----			-- Percent --	
 Sows Farrowing:					
Dec 1/-Feb	2,602	2,711	2,890	111	107
Mar-May	3,143	3,285	2/3,320	106	101
Dec 1/-May	5,745	5,996	3/6,210	108	104
Jun-Aug	2,879	3,097	2/3,082	107	100
Sept-Nov	2,838	2,969			
Jun-Nov	5,717	6,066			
 Pig Crop:					
Dec 1/-Feb	20,362	21,325	23,183	114	109
Mar-May	24,959	26,142			
Dec 1/-May	45,321	47,467			
Jun-Aug	22,745	24,432			
Sept-Nov	22,194	23,427			
Jun-Nov	44,939	47,859			
 Pigs Per Litter:					
Dec 1/-Feb	7.83	7.87	8.02	102	102
Mar-May	7.94	7.96			
Dec 1/-May	7.89	7.92			
Jun-Aug	7.90	7.89			
Sept-Nov	7.82	7.89			
Jun-Nov	7.86	7.89			

1/ December preceding year.

2/ Intentions.

3/ Actual farrowings for December-February plus intentions for March-May.

Hogs and Pigs: Inventory Number, by Class and Weight Group  
 March 1, June 1, September 1, December 1,  
 10 States 1990-92 1/

Item	1990	1991	1992	1992 As % of	
				1990	1991
----- 1,000 Head -----				-- Percent --	
<b>March 1 Inventory</b>					
All Hogs and Pigs	40,190	41,990	44,770	111	107
Kept For Breeding	5,245	5,450	5,575	106	102
Market	34,945	36,540	39,195	112	107
<b>Market Hogs and Pigs</b>					
<b>By Weight Groups:</b>					
Under 60 Pounds	13,289	14,040	15,225	115	108
60-119 Pounds	8,335	8,770	9,415	113	107
120-179 Pounds	7,338	7,555	7,890	108	104
180 Pounds and Over	5,983	6,175	6,665	111	108
<b>June 1 Inventory</b>					
All Hogs and Pigs	42,630	44,520			
Kept For Breeding	5,405	5,720			
Market	37,225	38,800			
<b>Market Hogs and Pigs</b>					
<b>By Weight Groups:</b>					
Under 60 Pounds	15,680	16,390			
60-119 Pounds	9,325	9,815			
120-179 Pounds	6,845	7,070			
180 Pounds and Over	5,375	5,525			
<b>September 1 Inventory</b>					
All Hogs and Pigs	44,120	46,900			
Kept For Breeding	5,300	5,675			
Market	38,820	41,225			
<b>Market Hogs and Pigs</b>					
<b>By Weight Groups:</b>					
Under 60 Pounds	14,880	15,905			
60-119 Pounds	9,580	10,250			
120-179 Pounds	8,190	8,555			
180 Pounds and Over	6,170	6,515			
<b>December 1 Inventory</b>					
All Hogs and Pigs	42,900	45,735			
Kept For Breeding	5,257	5,610			
Market	37,643	40,125			
<b>Market Hogs and Pigs</b>					
<b>By Weight Groups:</b>					
Under 60 Pounds	14,105	14,855			
60-119 Pounds	9,693	10,325			
120-179 Pounds	7,600	8,255			
180 Pounds and Over	6,245	6,690			

1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, and OH.

Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
10 States 1990-92, 1/

ITEM	1990	1991	1992	1992 As % of	
				1990	1991
	----- 1,000 Head -----				--- Percent ---
Sows Farrowing:					
Dec 2/-Feb	2,028	2,129	2,289	113	108
Mar-May	2,458	2,586	3/2,612	106	101
Dec 2/-May	4,486	4,715	4/4,901	109	104
Jun-Aug	2,236	2,441	3/2,440	109	100
Sept-Nov	2,238	2,348			
Jun-Nov	4,474	4,789			
Pig Crop:					
Dec 2/-Feb	15,870	16,770	18,475	116	110
Mar-May	19,576	20,632			
Dec 2/-May	35,446	37,402			
Jun-Aug	17,684	19,278			
Sept-Nov	17,459	18,551			
Jun-Nov	35,143	37,829			
Pigs Per Litter:	Number				
Dec 2/-Feb	7.83	7.88	8.07	103	102
Mar-May	7.96	7.98			
Dec 2/-May	7.90	7.93			
Jun-Aug	7.91	7.90			
Sept-Nov	7.80	7.90			
Jun-Nov	7.85	7.90			

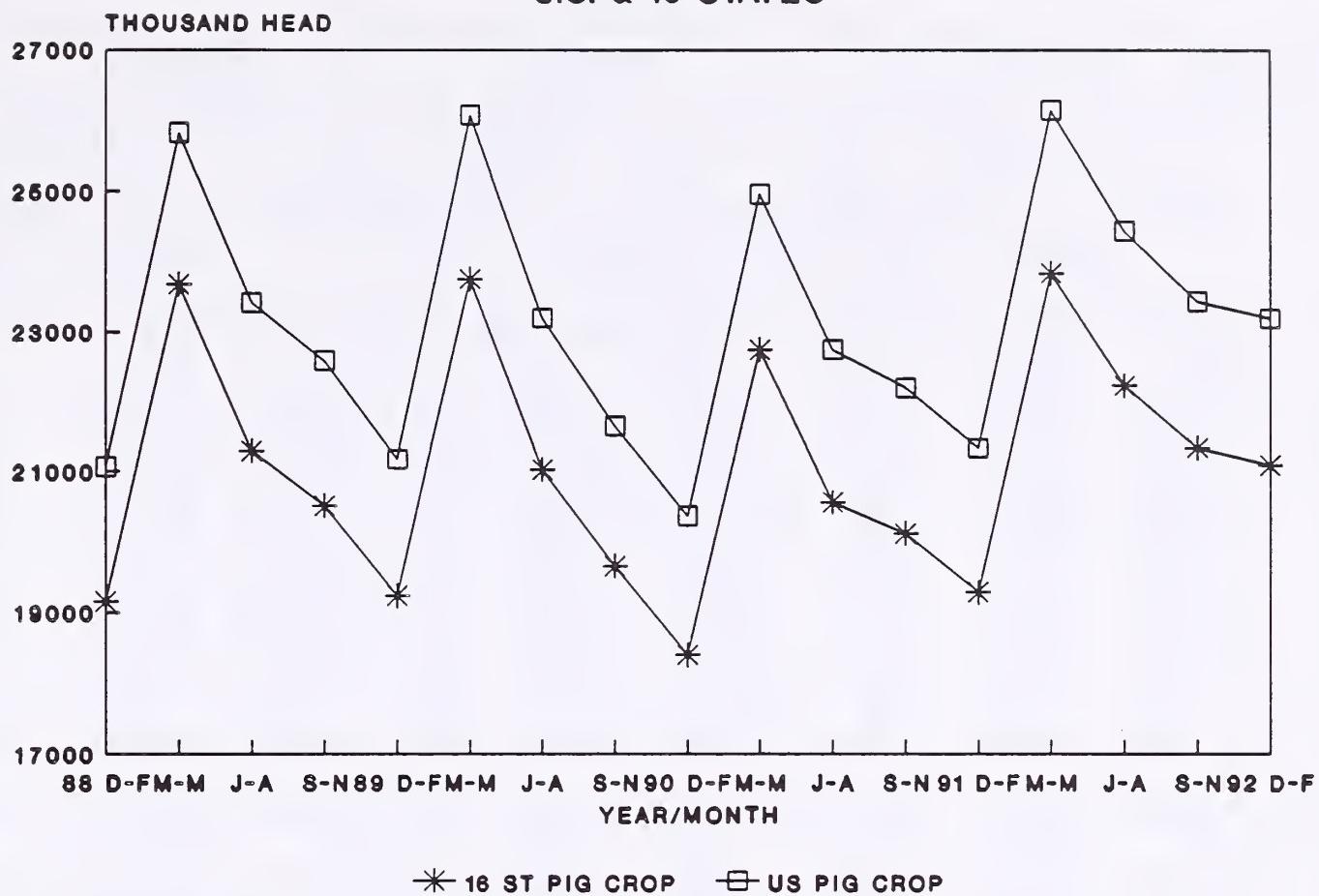
1/ GA, IL, IN, IA, KS, MN, MO, NE, NC, OH.

2/ December preceding year.

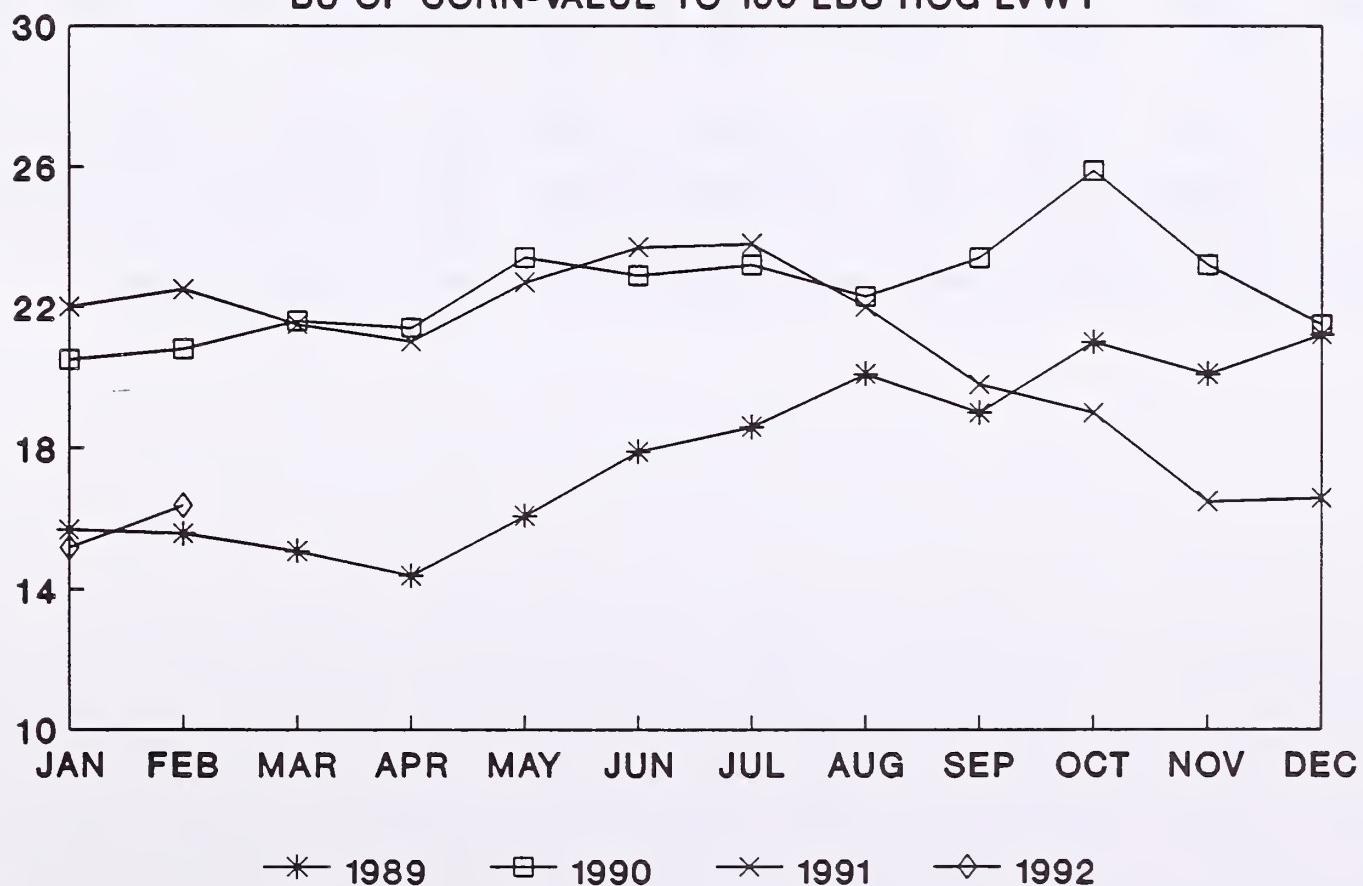
3/ Intentions.

4/ Actual farrowings for December-February plus intentions for March-May.

**PIG CROP**  
U.S. & 16 STATES



**US HOG-CORN PRICE RATIO**  
BU OF CORN=VALUE TO 100 LBS HOG LVWT



Hogs and Pigs: Inventory Numbers, Breeding, Market, and Total,  
March 1, 1991-92

	Breeding			Market			Total			
	1992	1992	1992	1992	1992	1992	1992	1992	1992	
State	1991	:As % of:	1991	1991	:As % of:	1991	1991	:As % of:	1991	
	:Number	: 1991	:	:Number	: 1991	:	:Number	: 1991	:	
	:- 1,000 Head -		Percent - 1,000 Head -		Percent - 1,000 Head -		Percent - 1,000 Head -		Percent	
GA	160	155	97	990	975	98	1,150	1,130	98	
IL	740	730	99	4,760	4,970	104	5,500	5,700	104	
IN	555	550	99	3,695	3,800	103	4,250	4,350	102	
IA	1,700	1,750	103	11,800	12,950	110	13,500	14,700	109	
KS	180	185	103	1,320	1,265	96	1,500	1,450	97	
MN	560	565	101	3,790	4,135	109	4,350	4,700	108	
MO	410	375	91	2,290	2,275	99	2,700	2,650	98	
NE	540	540	100	3,710	3,760	101	4,250	4,300	101	
NC	350	475	136	2,550	3,425	134	2,900	3,900	134	
OH	255	250	98	1,635	1,640	100	1,890	1,890	100	
10 Sts	5,450	5,575	102	36,540	39,195	107	41,990	44,770	107	
KY	120	130	108	700	760	109	820	890	109	
MI	180	180	100	920	920	100	1,100	1,100	100	
PA	97	105	108	783	825	105	880	930	106	
SD	245	245	100	1,465	1,585	108	1,710	1,830	107	
TN	80	100	125	440	560	127	520	660	127	
WI	170	165	97	970	965	99	1,140	1,130	99	
16 Sts	6,342	6,500	102	41,818	44,810	107	48,160	51,310	107	
0th Sts 1/	650	670	103	3,950	4,130	105	4,600	4,800	104	
US	6,992	7,170	103	45,768	48,940	107	52,760	56,110	106	

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, By Weight Groups,  
March 1, 1991-92

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs and Over	
	1991	1992	1991	1992	1991	1992	1991	1992
	1,000 Head							
GA	420	395	260	265	200	205	110	110
IL	1,790	1,860	1,170	1,210	990	1,050	810	850
IN	1,450	1,460	910	950	730	760	605	630
IA	4,270	4,840	2,830	3,100	2,600	2,680	2,100	2,330
KS	490	510	320	305	285	245	225	205
MN	1,520	1,650	880	1,010	750	780	640	695
MO	875	915	550	540	460	450	405	370
NE	1,530	1,550	880	890	700	720	600	600
NC	1,045	1,410	600	755	495	660	410	600
OH	650	635	370	390	345	340	270	275
10 Sts	14,040	15,225	8,770	9,415	7,555	7,890	6,175	6,665
KY	285	310	175	190	135	150	105	110
MI	300	305	220	220	210	210	190	185
PA	283	305	206	200	165	170	129	150
SD	620	630	350	380	275	320	220	255
TN	195	230	100	140	75	105	70	85
WI	380	365	215	230	200	200	175	170
16 Sts	16,103	17,370	10,036	10,775	8,615	9,045	7,064	7,620
0th Sts 1/	1,560	1,650	1,000	1,040	700	730	690	710
US	17,663	19,020	11,036	11,815	9,315	9,775	7,754	8,330

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
June 1, 1990-91

State	Breeding			Market			Total		
	1991		As % of 1990	1991		As % of 1990	1991		As % of 1990
	1990	Number	1990	Number	1990	Number	1990	Number	1990
	:- 1,000 Head - Percent			- 1,000 Head - Percent			- 1,000 Head - Percent		
GA	160	160	100	990	990	100	1,150	1,150	100
IL	700	760	109	4,800	4,840	101	5,500	5,600	102
IN	540	565	105	3,810	3,935	103	4,350	4,500	103
IA	1,680	1,820	108	11,920	12,780	107	13,600	14,600	107
KS	185	180	97	1,345	1,340	100	1,530	1,520	99
MN	600	620	103	4,050	4,080	101	4,650	4,700	101
MO	410	410	100	2,490	2,490	100	2,900	2,900	100
NE	530	570	108	3,670	3,830	104	4,200	4,400	105
NC	320	375	117	2,330	2,775	119	2,650	3,150	119
OH	280	260	93	1,820	1,740	96	2,100	2,000	95
10 Sts	5,405	5,720	106	37,225	38,800	104	42,630	44,520	104
KY	140	125	89	740	705	95	880	830	94
MI	170	170	100	1,130	1,130	100	1,300	1,300	100
PA	100	100	100	850	790	93	950	890	94
SD	235	260	111	1,555	1,610	104	1,790	1,870	104
TN	90	105	117	510	545	107	600	650	108
WI	165	170	103	935	960	103	1,100	1,130	103
16 Sts	6,305	6,650	105	42,945	44,540	104	49,250	51,190	104
Oth									
Sts 1/	770	850	110	3,830	4,350	114	4,600	5,200	113
US	7,075	7,500	106	46,775	48,890	105	53,850	56,390	105

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, By Weight Groups,  
June 1, 1990-91

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs and Over	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 Head							
GA	420	430	270	270	195	190	105	100
IL	1,880	1,950	1,180	1,260	980	920	760	710
IN	1,470	1,530	1,010	1,055	730	760	600	590
IA	5,100	5,500	3,050	3,260	2,100	2,250	1,670	1,770
KS	575	510	315	325	255	290	200	215
MN	1,720	1,690	990	1,050	760	760	580	580
MO	1,160	1,170	600	580	390	390	340	350
NE	1,570	1,670	930	960	670	690	500	510
NC	970	1,140	530	625	445	520	385	490
OH	815	800	450	430	320	300	235	210
	:							
10 Sts	15,680	16,390	9,325	9,815	6,845	7,070	5,375	5,525
	:							
KY	320	290	185	185	133	130	102	100
MI	575	555	245	240	165	175	145	160
PA	315	285	220	200	180	171	135	134
SD	690	730	380	420	270	255	215	205
TN	215	235	130	140	95	95	70	75
WI	381	395	243	245	167	175	144	145
	:							
16 Sts	18,176	18,880	10,728	11,245	7,855	8,071	6,186	6,344
	:							
0th Sts 1/	1,630	1,870	990	1,130	680	750	530	600
	:							
US	19,806	20,750	11,718	12,375	8,535	8,821	6,716	6,944

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
September 1, 1990-91

State	Breeding			Market			Total		
	1991			1991			1991		
	1990	:As % of	1990	1990	:As % of	1990	1990	:As % of	
	:Number	: 1990	:	:Number	: 1990	:	:Number	: 1990	
	- 1,000 Head -	Percent	- 1,000 Head -	Percent	- 1,000 Head -	Percent	- 1,000 Head -	Percent	
GA	160	155	97	990	965	97	1,150	1,120	97
IL	700	770	110	5,000	5,430	109	5,700	6,200	109
IN	550	570	104	3,950	4,130	105	4,500	4,700	104
IA	1,660	1,820	110	13,040	13,980	107	14,700	15,800	107
KS	180	175	97	1,370	1,295	95	1,550	1,470	95
MN	580	620	107	4,220	4,430	105	4,800	5,050	105
MO	400	375	94	2,350	2,375	101	2,750	2,750	100
NE	490	530	108	3,710	3,920	106	4,200	4,450	106
NC	320	410	128	2,380	2,990	126	2,700	3,400	126
OH	260	250	96	1,810	1,710	94	2,070	1,960	95
10 Sts	5,300	5,675	107	38,820	41,225	106	44,120	46,900	106
KY	135	140	104	765	760	99	900	900	100
MI	165	175	106	1,165	1,175	101	1,330	1,350	102
PA	105	110	105	845	830	98	950	940	99
SD	240	255	106	1,520	1,665	110	1,760	1,920	109
TN	105	95	90	545	575	106	650	670	103
WI	165	170	103	965	1,000	104	1,130	1,170	104
16 Sts	6,215	6,620	107	44,625	47,230	106	50,840	53,850	106
Oth									
Sts 1/	600	640	107	4,500	4,760	106	5,100	5,400	106
US	6,815	7,260	107	49,125	51,990	106	55,940	59,250	106

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, By Weight Groups,  
September 1, 1990-91

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs and Over	
	1990		1991		1990		1991	
	:	:	:	:	:	:	:	:
1,000 Head								
GA	420	390	260	250	185	195	125	130
IL	1,810	2,070	1,260	1,320	1,070	1,110	860	930
IN	1,480	1,515	980	1,040	880	925	610	650
IA	4,700	5,000	3,350	3,700	2,900	3,030	2,090	2,250
KS	510	475	325	315	300	285	235	220
MN	1,730	1,870	1,020	1,080	820	820	650	660
MO	990	985	540	545	430	460	390	385
NE	1,540	1,660	840	890	750	770	580	600
NC	980	1,255	560	670	465	580	375	485
OH	720	685	445	440	390	380	255	205
10 Sts	14,880	15,905	9,580	10,250	8,190	8,555	6,170	6,515
KY	310	320	205	200	145	140	105	100
MI	400	410	360	360	230	230	175	175
PA	305	305	210	210	180	175	150	140
SD	620	675	385	415	305	340	210	235
TN	240	225	125	145	100	120	80	85
WI	381	395	253	260	182	190	149	155
16 Sts	17,136	18,235	11,118	11,840	9,332	9,750	7,039	7,405
Oth Sts 1/	1,800	1,890	1,100	1,140	800	870	800	860
US	18,936	20,125	12,218	12,980	10,132	10,620	7,839	8,265

1/ Individual State estimates not available for the 34 other States.

Hogs and Pigs: Inventory Numbers, Breeding, Market and Total,  
December 1, 1990-91

	Breeding			Market			Total			
	1991	1991	1991	1991	1991	1991	1991	1991	1991	
State	1990	:As % of:	1990	1990	:As % of:	1990	1990	:As % of:	1990	
	:Number	: 1990	:	:Number	: 1990	:	:Number	: 1990	:	
	:- 1,000 Head -		Percent - 1,000 Head -		Percent - 1,000 Head -		Percent - 1,000 Head -		Percent	
GA	160	160	100	940	970	103	1,100	1,130	103	
IL	710	740	104	4,990	5,160	103	5,700	5,900	104	
IN	540	555	103	3,860	4,045	105	4,400	4,600	105	
IA	1,600	1,800	113	12,200	13,200	108	13,800	15,000	109	
KS	170	170	100	1,330	1,260	95	1,500	1,430	95	
MN	560	590	105	3,940	4,310	109	4,500	4,900	109	
MO	405	380	94	2,395	2,320	97	2,800	2,700	96	
NE	530	550	104	3,770	3,950	105	4,300	4,500	105	
NC	330	440	133	2,470	3,210	130	2,800	3,650	130	
OH	252	225	89	1,748	1,700	97	2,000	1,925	96	
10 Sts	5,257	5,610	107	37,643	40,125	107	42,900	45,735	107	
KY	130	135	104	790	815	103	920	950	103	
MI	170	175	103	1,080	1,125	104	1,250	1,300	104	
PA	100	100	100	820	820	100	920	920	100	
SD	245	260	106	1,525	1,690	111	1,770	1,950	110	
TN	90	90	100	530	580	109	620	670	108	
WI	175	170	97	1,025	1,010	99	1,200	1,180	98	
16 Sts	6,167	6,540	106	43,413	46,165	106	49,580	52,705	106	
0th Sts 1/	703	714	102	4,194	4,265	102	4,897	4,979	102	
US	6,870	7,254	106	47,607	50,430	106	54,477	57,684	106	

1/ Individual State estimates not available for the 34 other States.

Market Hogs and Pigs: Inventory Number, By Weight Groups,  
December 1, 1990-91

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs and Over	
	1990		1991		1990		1991	
1,000 Head								
GA	385	415	255	260	185	180	115	115
IL	1,840	1,900	1,180	1,240	1,070	1,100	900	920
IN	1,340	1,380	1,055	1,110	820	860	645	695
IA	4,400	4,570	3,270	3,550	2,450	2,840	2,080	2,240
KS	500	450	350	335	265	260	215	215
MN	1,480	1,630	1,020	1,100	810	860	630	720
MO	985	935	600	565	455	440	355	380
NE	1,460	1,560	960	1,000	740	770	610	620
NC	1,055	1,375	565	730	455	600	395	505
OH	660	640	438	435	350	345	300	280
10 Sts	14,105	14,855	9,693	10,325	7,600	8,255	6,245	6,690
KY	306	320	198	210	156	155	130	130
MI	330	350	250	260	255	275	245	240
PA	287	280	215	216	177	180	141	144
SD	610	670	380	435	300	325	235	260
TN	210	225	130	150	110	115	80	90
WI	375	355	265	260	210	215	175	180
16 Sts	16,223	17,055	11,131	11,856	8,808	9,520	7,251	7,734
OTH Sts 1/	1,643	1,623	1,075	1,113	833	862	643	668
US	17,866	18,678	12,206	12,969	9,641	10,382	7,894	8,402

1/ Individual State estimates not available for the 34 other States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop,  
December 1/ - February 1991-92

State	Sows Farrowing			Pigs Per Litter			Pig Crop 2/		
	1992						1992		
	1991	Number	: As % of:	1991	1992		1991	Number	: As % of
	- 1,000 Head -	Percent	-- Number --		-- Number --		- 1,000 Head --	Percent	
GA	60	58	97	8.00	7.45		480	432	90
IL	270	280	104	7.60	7.90		2,052	2,212	108
IN	230	230	100	7.85	8.10		1,806	1,863	103
IA	650	730	112	7.75	8.10		5,038	5,913	117
KS	74	76	103	7.90	8.00		585	608	104
MN	230	250	109	8.10	8.20		1,863	2,050	110
MO	140	145	104	7.70	7.80		1,078	1,131	105
NE	220	220	100	8.00	8.10		1,760	1,782	101
NC	165	210	127	8.25	8.40		1,361	1,764	130
OH	90	90	100	8.30	8.00		747	720	96
10 Sts	2,129	2,289	108	7.88	8.07		16,770	18,475	110
KY	46	50	109	7.70	7.64		354	382	108
MI	45	47	104	7.90	8.00		356	376	106
PA	38	40	105	8.20	8.40		312	336	108
SD	91	95	104	8.10	7.90		737	751	102
TN	33	36	109	7.60	7.80		251	281	112
WI	63	63	100	7.95	7.65		501	482	96
16 Sts	2,445	2,620	107	7.89	8.05		19,281	21,083	109
0th Sts 3/	266	270	102	7.68	7.78		2,044	2,100	103
US	2,711	2,890	107	7.87	8.02		21,325	23,183	109

1/ December preceding year.

2/ Number of Pigs born during December-February that were on Hand March 1 or had been sold.

3/ Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop,  
March - May 1990-92

State	Sows Farrowing			Pigs		Pig Crop 1/		
	1992 2/		Per Litter	1991		1990		As % of Number: 1990
	1990	1991	As % of Number: 1991	1990	1991	1990	As % of Number: 1990	
				- Number --	- Number --	- 1,000 Head --	- 1,000 Head --	Percent
	----- 1,000 Head -----		Percent			----- 1,000 Head -----		Percent
GA	63	64	58	91	7.80	7.75	491	496 101
IL	320	340	340	100	7.70	7.60	2,464	2,584 105
IN	240	255	245	96	8.10	8.10	1,944	2,066 106
IA	790	850	880	104	7.90	7.95	6,241	6,758 108
KS	88	77	79	103	8.00	7.90	704	608 86
MN	270	270	275	102	8.20	8.25	2,214	2,228 101
MO	180	185	175	95	7.75	7.60	1,395	1,406 101
NE	230	250	250	100	8.10	7.95	1,863	1,988 107
NC	160	180	210	117	8.20	8.70	1,312	1,566 119
OH	117	115	100	87	8.10	8.10	948	932 98
10 Sts	2,458	2,586	2,612	101	7.96	7.98	19,576	20,632 105
KY	53	47	52	111	7.70	7.75	408	364 89
MI	89	83	83	100	7.80	7.90	694	656 95
PA	48	40	44	110	8.10	8.40	389	336 86
SD	114	126	130	103	7.95	8.00	906	1,008 111
TN	33	40	39	98	7.70	7.50	254	300 118
WI	65	68	65	96	7.90	7.85	514	534 104
16 Sts	2,860	2,990	3,025	101	7.95	7.97	22,741	23,830 105
0th Sts 3/:	283	295	295	100	7.84	7.84	2,218	2,312 104
US	3,143	3,285	3,320	101	7.94	7.96	24,959	26,142 105

1/ Number of Pigs born during March-May that were on Hand June 1 or had been sold.

2/ Intentions.

3/ Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop,  
June - August 1990-92

State	Sows Farrowing			Pigs			Pig Crop 1/		
			1992 2/	Per Litter				1991	
	1990	1991	As % of:		1990	1991	1990	As % of	
	Number:		1991	1990		1991	Number: 1990		Number: 1990
	----- 1,000 Head -----			Percent -- Number -			----- 1,000 Head -		
GA	58	57	54	95	7.90	7.65	458	436	95
IL	300	330	320	97	7.70	7.80	2,310	2,574	111
IN	230	245	235	96	8.05	7.85	1,852	1,923	104
IA	710	800	810	101	7.90	7.70	5,609	6,160	110
KS	77	74	76	103	7.95	7.85	612	581	95
MN	250	270	260	96	8.00	8.20	2,000	2,214	111
MO	150	155	150	97	7.50	7.45	1,125	1,155	103
NE	205	220	225	102	8.00	8.10	1,640	1,782	109
NC	150	190	220	116	8.20	8.70	1,230	1,653	134
OH	106	100	90	90	8.00	8.00	848	800	94
10 Sts	2,236	2,441	2,440	100	7.91	7.90	17,684	19,278	109
KY	50	50	53	106	7.60	7.85	380	393	103
MI	74	72	70	97	7.65	7.80	566	562	99
PA	42	39	41	105	7.80	8.20	328	320	98
SD	98	108	105	97	7.95	7.95	779	859	110
TN	40	40	40	100	7.80	7.20	312	288	92
WI	65	67	63	94	7.80	7.80	507	523	103
16 Sts	2,605	2,817	2,812	100	7.89	7.89	20,556	22,223	108
0th Sts 3/:	274	280	270	96	7.99	7.89	2,189	2,209	101
US	2,879	3,097	3,082	100	7.90	7.89	22,745	24,432	107

1/ Number of Pigs born during June-August that were on hand September 1 or had been sold.

2/ Intentions.

3/ Individual State estimates not available for 34 States.

Farrowings: Number of Sows, Pigs Per Litter and Pig Crop,  
September - November 1990-91

State	Sows Farrowing			Pigs Per Litter			Pig Crop 1/		
	1990	1991	As % of: Number : 1990	1990	1991	1990	1991	As % of Number : 1990	
	- 1,000 Head --	Percent	-- Number ---	- 1,000 Head --	Percent				
GA	55	60	109	7.70	7.65	424	459	108	
IL	310	320	103	7.55	7.70	2,341	2,464	105	
IN	220	230	105	8.00	7.90	1,760	1,817	103	
IA	700	740	106	7.70	7.65	5,390	5,661	105	
KS	74	73	99	7.90	7.81	585	570	97	
MN	225	245	109	8.20	8.25	1,845	2,021	110	
MO	175	155	89	7.20	7.80	1,260	1,209	96	
NE	220	230	105	7.90	8.00	1,738	1,840	106	
NC	160	205	128	8.40	8.60	1,344	1,763	131	
OH	99	90	91	7.80	8.30	772	747	97	
10 Sts	2,238	2,348	105	7.80	7.90	17,459	18,551	106	
KY	47	51	109	7.90	7.61	371	388	105	
MI	52	58	112	8.10	7.70	421	447	106	
PA	40	39	98	8.10	8.30	324	324	100	
SD	100	110	110	7.85	7.95	785	875	111	
TN	34	38	112	7.70	7.70	262	293	112	
WI	63	60	95	7.80	7.55	491	453	92	
16 Sts	2,574	2,704	105	7.81	7.89	20,113	21,331	106	
0th Sts 2/	264	265	100	7.88	7.91	2,081	2,096	101	
US	2,838	2,969	105	7.82	7.89	22,194	23,427	106	

1/ Number of Pigs born during September-November that were on hand December 1, or had been sold.

2/ Individual State estimates not available for 34 States.

## **Reliability of March 1 Hogs and Pigs Estimates**

**Survey Procedures:** A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 78,500 operators during the first half of March by mail, telephone, and face-to-face personal interviews. Regardless of when operators responded, they were asked to report inventories as of March 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous quarter are subject to revision when current estimates are made. In June, estimates for the previous March and December are reviewed and in December, estimates for all quarters of the previous two years are reviewed. The reviews are primarily based on hog check-off receipts and hog slaughter. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 12 quarters is 0.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 56.1 million head by more than 0.9 percent, or about 505,000 head. Chances are 9 out of 10 that the difference will not exceed 1.6 percent, or about 897,000 head (the 90 percent confidence level).

The table below also shows a 12-quarter record of the range of differences between first and final estimates for selected items. Using estimates of all hogs and pigs as an example, changes between the first inventory estimate and the final estimate during the past 12 quarters have averaged 53,000 head, ranging from 31,000 to 1,130,000 head. During this period the initial inventory estimate has been below the final estimate 5 times and above the final estimate 7 times. This does not imply that the March 1 estimate is likely to understate or overstate final inventory. For most items, the number of quarters the initial estimates have been below or above the final estimate is about equally distributed.

#### Reliability of March 1 Hog Estimates 1/

				Difference Between					
				First and Final				Number of	
		Mean : 90%	Estimates 2/		Quarters				
		Square : Confidence							
		Error : Level			First : First				
			: Average	Smallest : Largest	Above : Below				
					: Final : Final				
		- Percent -	----- 1,000 Head -----	- Number -					
All Hogs & Pigs		0.9	1.6	897	-53	-31	-1130	7	5
Pig Crop		1.2	2.2	510	67	-43	-562	5	7
Expected Farrowings									
Next Quarter		2.7	4.9	163	-17	-16	132	8	4
Following Quarter		3.8	6.7	206	27	-2	214	6	6

1/ Based on quarterly data from March 1989 through December 1991.

2/ Records for the past 12 quarters.

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